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18		4			2003/01/08 12:09
18	17	5	("3869915" "4738737" "4858470"	USPAT	2003/01/08 12:10
19 3 ("3970504" "4069083" "4092192") PN. USPAT 2003/01/08 12:	İ		"4948552" "5131278").PN.		
20	18	5	4738737.URPN.	USPAT	2003/01/08 12:11
20	19	3	("3970504" "4069083" "4092192").PN.	USPAT	2003/01/08 12:12
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17 3925952 URPN. USPAT 2003/01/08 12: 3925952 URPN. USPAT 2003/01/08 12: 3925952 URPN. USPAT 2003/01/08 12: 394049" "3970877" "3989965").PN. USPAT 2003/01/08 12: 2003/01/08 13:	23		"4214484" "4316115" "4321696"	001111	2003/01/00 12:14
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32					
(retaining or snap or retainer) adj ring		_			
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12			(retaining or snap or retainer) adj ring	1	
12				EPO; JPO;	
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO;				1	
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO;	31	12	union adj sleeve and union adj nut	USPAT;	2003/01/08 13:17
0 union adj sleeve and holder adj sleeve USPAT; US-PGPUB; EPO; JPO; DERWENT				US-PGPUB;	
0 union adj sleeve and holder adj sleeve USPAT; US-PGPUB; EPO; JPO; DERWENT				EPO; JPO;	'
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT				DERWENT	
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	33	0	union adj sleeve and holder adj sleeve	USPAT;	2003/01/08 13:14
Service of the servic				US-PGPUB;	
34 · 0 union adj sleeve and holding adj sleeve USPAT; USPAT; USPGPUB; EPG, JPG, DERWENT USPAT; USPA					
34 · 0 union adj sleeve and holding adj sleeve 36 (snap adj ring or retaining adj ring or retainer) with (union or threaded) near2 (sleeve or collar) 37 (sleeve or collar) 38 (sleeve or collar) 39 (2003/01/08 13: 2003/01/08 13:					
36 615 (snap adj ring or retaining adj ring or retainer) with (union or threaded) near2 (uspart; (sleeve or collar) 35 55 removable near2 (union or threaded) near2 (uspart; (sleeve or collar) 37 84 removable near3 (union or threaded) near2 (uspart; (sleeve or collar) 38 119 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 39 2015 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 2003/01/08 13: 2003/01/08 13: 2003/01/08 13: 2003/01/08 13: 2003/01/08 13: 2003/01/08 13: 2003/01/08 13: 2003/01/08 13: 2003/01/08 13: 2003/01/08 13: 2003/01/08 13: 2003/01/08 13:	ا ، ا	Λ	union adi sleeve and holding adi sleeve	1	2003/01/08 13:14
36 (snap adj ring or retaining adj ring or retainer) with (union or threaded) near2 (sleeve or collar) 35 (sleeve or collar) 36 (sleeve or collar) 37 (sleeve or collar) 38 (sleeve or collar) 39 (2015) removable near3 (union or coupling or threaded) near2 (sleeve or collar) 2003/01/08 13: EPO; JPO; DERWENT USPAT; US-PGPUB;	3	·	anion day sieeve and notating day sieeve	1	2003/01/00 13:14
36 (snap adj ring or retaining adj ring or retainer) with (union or threaded) near2 (sleeve or collar) 35 (sleeve or collar) 36 (snap adj ring or retaining adj ring or retainer) with (union or threaded) near2 (Sleeve or collar) 37 (sleeve or collar) 38 (sleeve or collar) 39 (sleeve or collar) 40 (sleeve or collar) 50 (sleeve or collar)				1	
36 (Snap adj ring or retaining adj ring or retainer) with (union or threaded) near2 (Sleeve or collar) (Slee					
retainer) with (union or threaded) near2 (sleeve or collar) removable near2 (union or threaded) near2 (sleeve or collar) removable near3 (union or threaded) near2 (sleeve or collar) removable near3 (union or threaded) near2 (sleeve or collar) removable near3 (union or coupling or threaded) near2 (sleeve or collar) removable near3 (union or coupling or threaded) near2 (sleeve or collar) removable near3 (union or coupling or threaded) near2 (sleeve or collar) removable near3 (union or coupling or threaded) near2 (sleeve or collar) removable near3 (union or coupling or threaded) near2 (sleeve or collar or threaded) near3 (union or coupling o	36	615	/anam add wing an mataining add wing an		2002/01/00 13:20
(sleeve or collar) (sleeve or collar) removable near2 (union or threaded) near2 (sleeve or collar) 84 removable near3 (union or threaded) near2 (sleeve or collar) 85 removable near3 (union or threaded) near2 (sleeve or collar) 119 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 119 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 12003/01/08 13: US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT	30	613		1	2003/01/08 13:20
removable near2 (union or threaded) near2 (useve or collar) 84 removable near3 (union or threaded) near2 (useve or collar) 85 removable near3 (union or threaded) near2 (useve or collar) 86 removable near3 (union or threaded) near2 (useve or collar) 87 removable near3 (union or coupling or threaded) near2 (useve or collar) 88 removable near3 (union or coupling or threaded) near2 (useve or collar) 89 removable near3 (union or coupling or threaded) near2 (useve or collar) 80 removable near3 (union or coupling or threaded) near2 (useve or collar) 80 removable near3 (union or coupling or threaded) near2 (useve or collar) 80 removable near3 (union or coupling or threaded) near2 (useve or collar or thre				•	
35 removable near2 (union or threaded) near2 USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT			(sleeve or collar)	1	
(sleeve or collar) 84 removable near3 (union or threaded) near2 (sleeve or collar) 85 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 86 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 87 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 88 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 89 removable near3 (union or coupling or threaded) near2 (sleeve or collar or threaded) near2 (slee	25				0000 /01 /00 10 07
37 84 removable near3 (union or threaded) near2 (sleeve or collar) 19 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 2003/01/08 13: US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	35	55	,	f -	2003/01/08 13:27
37 84 removable near3 (union or threaded) near2 USPAT; US-PGPUB; EPO; JPO; DERWENT 38 119 removable near3 (union or coupling or threaded) near2 (sleeve or collar) USPAT; US-PGPUB; EPO; JPO; DERWENT 39 2015 removable near3 (union or coupling or threaded) near2 (sleeve or collar) USPAT; US-PGPUB; EPO; JPO; DERWENT 39 2015 removable near3 (union or coupling or threaded) near2 (sleeve or collar or Coupling) USPAT; US-PGPUB; EPO; JPO; DERWENT			(sleeve or collar)	1	
37 84 removable near3 (union or threaded) near2 (sleeve or collar) 19 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 2003/01/08 13: US-PGPUB; EPO; JPO; DERWENT				· · · · · · · · · · · · · · · · · · ·	
(sleeve or collar) (sleeve or collar) US-PGPUB; EPO; JPO; DERWENT		_			1
38 119 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 2003/01/08 13: 39 2015 removable near3 (union or coupling or threaded) near2 (sleeve or collar or threaded) near2 (sleeve or collar or coupling) EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT	37	84			2003/01/08 13:31
38 119 removable near3 (union or coupling or threaded) near2 (sleeve or collar) 39 2015 removable near3 (union or coupling or threaded) near2 (sleeve or collar or threaded) near2 (sleeve or collar or coupling) DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT			(sleeve or collar)		
38					
threaded) near2 (sleeve or collar) US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT					1
39 2015 removable near3 (union or coupling or threaded) near2 (sleeve or collar or coupling) EPO; JPO; DERWENT USPAT; 2003/01/08 13: US-PGPUB; EPO; JPO; DERWENT	38	119			2003/01/08 13:32
39 2015 removable near3 (union or coupling or threaded) near2 (sleeve or collar or coupling) DERWENT USPAT; 2003/01/08 13: US-PGPUB; EPO; JPO; DERWENT			threaded) near2 (sleeve or collar)		
39 2015 removable near3 (union or coupling or threaded) near2 (sleeve or collar or coupling) USPAT; 2003/01/08 13: US-PGPUB; EPO; JPO; DERWENT					
threaded) near2 (sleeve or collar or US-PGPUB; coupling) EPO; JPO; DERWENT				DERWENT	1
threaded) near2 (sleeve or collar or US-PGPUB; coupling) EPO; JPO; DERWENT	39	2015	removable near3 (union or coupling or	USPAT;	2003/01/08 13:32
coupling) EPO; JPO; DERWENT			threaded) near2 (sleeve or collar or	1	
DERWENT				1	
140 12 LEMOVADIE NEGLO (UNION OL COUDIINO OL 105PAT; 12003/01/08 14:	40	72	removable near3 (union or coupling or	USPAT;	2003/01/08 14:20
threaded) near2 (sleeve or collar or US-PGPUB;					
coupling) with (retainer or retaining or EPO; JPO;				1	1
snap)	ŀ			1	
	41	19		1	2003/01/08 13:44
				1	2003/01/08 14:20
US-PGPUB;		-		1	1
EPO; JPO;					
DERWENT					
	43	30	"73/866 5" ccls and (land same grooms or	1	2003/01/08 14:38
key or keyed) US-PGPUB;		32			2003/01/06 14.36
			ney of neyeu)	1	
EPO; JPO;	1				!
				DERWENT	

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1				
	19	("3007340" or "4096754" or "4841787" or "5036711" or "5186050" or "5195572" or "5400401" or "5410920" or "5481197" or	USPAT; US-PGPUB;	2003/01/08 10:14
-	931	"5209401" or "5410920" or "5481197" or "6145392").pn. "73/866.5".ccls.	EPO; JPO; DERWENT USPAT; US-PGPUB;	2002/12/23 14:10
_	4	"73/866.5".ccls. and (sleeve or collar)	EPO; JPO; DERWENT USOCR	2002/12/23 10:00
	-	same (thread or threaded)		
	79	"73/866.5".ccls. and (sleeve or collar) same (thread or threaded)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:08
-	0	"73/866.5".ccls. and removable near4 (sleeve or collar) and (sleeve or collar) near4 (threaded or thread)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/23 10:47
-	6	removable near4 (sleeve or collar) and (sleeve or collar) near4 (threaded or	USPAT; US-PGPUB; EPO; JPO;	2002/12/23 11:46
-	917	thread) removable near4 (sleeve or collar) and (sleeve or collar) near4 (threaded or thread)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/23 11:48
-	200	"73/866.5".ccls. and cover	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/01/08 14:36
-	21	"73/866.5".ccls. and (cover or cap) with base	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/23 11:55
-	23	73/\$.ccls. and (cover or cap) with base same bracket same screw	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/23 11:58
-	51	73/\$.ccls. and (cover or cap) with (base or housing) same bracket same screw	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/23 12:01
-	1	73/861\$.ccls. and (cover or cap) with (base or housing) same bracket same screw	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/23 12:02
-	3	73/861\$.ccls. and (cover or cap) same (base or housing) same bracket same screw	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/23 12:02
-	496	73/861\$.ccls. and (cover or cap) same (base or housing)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/23 12:04
-	367	73/861\$.ccls. and (cover or cap) with (base or housing)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/23 12:07
-	114	73/861\$.ccls. and (cover or cap) with (base or housing) and (sleeve or collar)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/23 14:10
-	75	73/861\$.ccls. and (cover or cap) with (base or housing) and (sleeve or collar) and (thread or threaded)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2002/12/23 12:09
-	2 48	4297896.URPN. 73/861\$.ccls. and outer near2 sleeve	DERWENT USPAT USPAT; US-PGPUB;	2002/12/23 12:14 2002/12/23 14:13
			EPO; JPO; DERWENT	

5				
	14	"73/866.5".ccls. and outer near2 sleeve	USPAT; US-PGPUB;	2002/12/23 14:12
			EPO; JPO;	!
			DERWENT	j. l
_	1	"73/866.5".ccls. and ((outer and inner) or	USPAT;	2002/12/23 14:14
	_	(outside and inside)) near2 sleeve	US-PGPUB;	
		(0000000 000000, 000000 00000	EPO; JPO;	[
			DERWENT	
_	11	73/861\$.ccls. and ((outer and inner) or	USPAT;	2002/12/23 14:14
		(outside and inside)) near2 sleeve	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	81	probe.ti. and sliding near2 (collar or	USPAT;	2003/01/08 10:32
		sleeve)	US-PGPUB;	
	1		EPO; JPO;	
			DERWENT	ļ
-	151	"73/204.22".ccls.	USPAT;	2003/01/08 10:48
			US-PGPUB;	:
			EPO; JPO;	
			DERWENT	i
-		2859617.URPN.	USPAT	2003/01/08 10:21
-	22	,, ,,	USPAT;	2003/01/08 10:44
		or sleeve)	US-PGPUB;	
	i		EPO; JPO;	
			DERWENT	
-	179	"73/273".ccls.	USPAT;	2003/01/08 10:55
			US-PGPUB;	
			EPO; JPO;	
	15.60	4.34	DERWENT	0000/01/00 10 56
_	1560	, , ,	USPAT;	2003/01/08 10:56
		flowmeter)).ti.	US-PGPUB;	
			EPO; JPO; DERWENT	
	14	(ultrasonic and ((flow and meter) or	USPAT;	2003/01/08 13:10
	14	flowmeter)).ti. and (sleeve or collar)	US-PGPUB;	2003/01/06 13:10
		ITOWNGECEL//.cr. and (Sieeve of Collai)	EPO; JPO;	
			DERWENT	
		1	DULIMENT	1